

Abstract:

[A method and apparatus of an architectural pattern for creating applications for a data processing system. A graphical user interface is created in which the graphical user interface includes a plurality of components. Processes for presenting the plurality of components and receiving user input are handled by a first set of graphical objects, wherein in response to selected user input, a first event is generated. An application object is created in which the application process controls an order in which the graphical objects present the set of components and process the event and wherein the application generates a second event. A transport object is created in which the transport object processes the second event and forwards the second event for processing to a destination within the plurality of destinations. A plurality of destination objects are created in which each destination object within the plurality of destinations objects handles accessing a destination within the plurality of destinations.]

A method and apparatus in a data processing system for presenting a set of screens in a graphical user interface. A first screen within a set of screens is presented, wherein the set of screens are presented using a set of view controllers. Responsive to a selected user input to the first screen, an event is generated by a view controller within the set of view controllers identifying the user input to the first screen, which is handled by the first view controller. Responsive to detecting the event generated by the view controller, a second screen from the set of screens is selected, by an application mediator, for display by sending a response to a view controller handling the second screen. The application mediator is initialized from reading a state machine file and control processing of view event received from virtual controllers.

**IN THE CLAIMS:**

Please delete claims 1-264 and 296-380.